



Tablets in Education



PENGUINS FOUNDATION



presented by



**PITTSBURGH
PENGUINS[®]
FOUNDATION**

KIDS WILL CHANGE THE FUTURE



- The Pittsburgh Penguins Foundation is proud to introduce the next generation of innovative educational programs that will motivate students to learn using the latest tablet technology. Kindle Fire HDX 7 will be distributed to school districts in Allegheny County. The devices will be utilized for unique educational programs, extended learning programs and programs for children with disabilities. The technology utilized in this “innovative educational program,” is designed to enhance a child’s academic achievement while continuing to support their social development and relationships with adults and peers through the most critical years of an adolescent’s growth and development.

The Pittsburgh Penguins Foundation is 501c3 established in August of 2010 to enhance the lives of Pittsburgh communities’ youth and their families.

Mission Statement:

Our mission is to actively promote physical well-being, encourage teamwork, **stress the value of education** and provide essential life skills to young people in our community through youth hockey and other activities.

AIU3 Role



AIU Involvement

- To assist the Pittsburgh Penguins Foundation in maximizing educational opportunities for all learners by responding to the needs of our schools with leading-edge, high-quality, cost-effective programs and services. The AIU is deeply involved in the selection of content that will be distributed to the various schools through Tablets in Education.

Vision

- Educational excellence is a hallmark of our region with all learners having access to the best services, enriching their lives and enabling their contribution to a vibrant economy. Our intent is to create an innovative educational program that is reflective of the AIU, and Penguins Foundation principles and vision.

AIU Beliefs

- Collaboration
Excellence
Trust
Innovation
Responsiveness
Leadership
Cost-Effectiveness
Continuous Quality
Improvement





Tablets in Education

- Our goal is to support the next generation of innovative educational programs through the utilization of Kindle Fire HDX 7 Tablets.
- Our target is qualifying extended educational programs within Allegheny County. The AIU3 has helped us develop an application process that will identify candidates.
- In order to reach each candidate, the AIU3 will provide resources for mailing and the dissemination of information about the program.
- The Pittsburgh Penguins Foundation, through a partnership with Amazon, will purchase 1,200 Kindle Fire HDX 7 devices to support the program.
- The Pittsburgh Penguins Foundation will work closely with the AIU3, CommonSense Media and Kindle Education Group to develop age appropriate lessons and assist in the teaching methodology.
- We have targeted students K – 8.
- It is our intent to create a signature program, that once implemented with your school, could be a model for other organizations or Foundations.
- We will benchmark this program so that we can judge the effectiveness of our effort.
- We hope to expand this program on an annual basis.

Schools Will Receive

- Tablets in Education provides each school with the following for their innovative educational programs:
 - *Twenty (20) Kindle Fire HDX 7"*
 - *One (1) twenty (20) station charging system with locking cabinet*
 - *Shock covers*
 - *Free custom programs and books by age group*
 - *Customer Service through the Pittsburgh Penguins Foundation*
 - *Access to Mayday for questions and requests*





Equipment Delivery

The equipment for the program will arrive in three shipments and all deliveries will be to the attention of the designated project coordinator

1. Twenty (20) Shock Covers, instructional materials and ancillary support materials developed by AIU3 and the Penguins Foundation will be shipped directly from the Penguins Foundation.
2. Twenty (20) Kindle Fire HDX 7's will be shipped directly to the schools from Amazon. Each device when activated will automatically download the educational apps through Kindle's Whispercast.
3. The mass charging stations require assembly, each school will receive one (1) charging station delivered via UPS from School Outfitters.

Equipment

Charging Station

- Shipped in two boxes, requires assembly. Approximate assembly time 30 minutes.
- The 24-Outlet Tablet Recharging Cart from Norwood Commercial Furniture has a durable steel frame with ventilated panels that keep your devices from overheating. A non-skid top surface offers a stable place for presentation equipment, and locking front and rear doors provide secure storage. Height-adjustable shelves let you create the most efficient arrangement for your devices. The side handle and four casters – two locking – make it easy to move the cart between rooms. A built-in electrical assembly lets you charge up to 24 tablets at a time.



Equipment

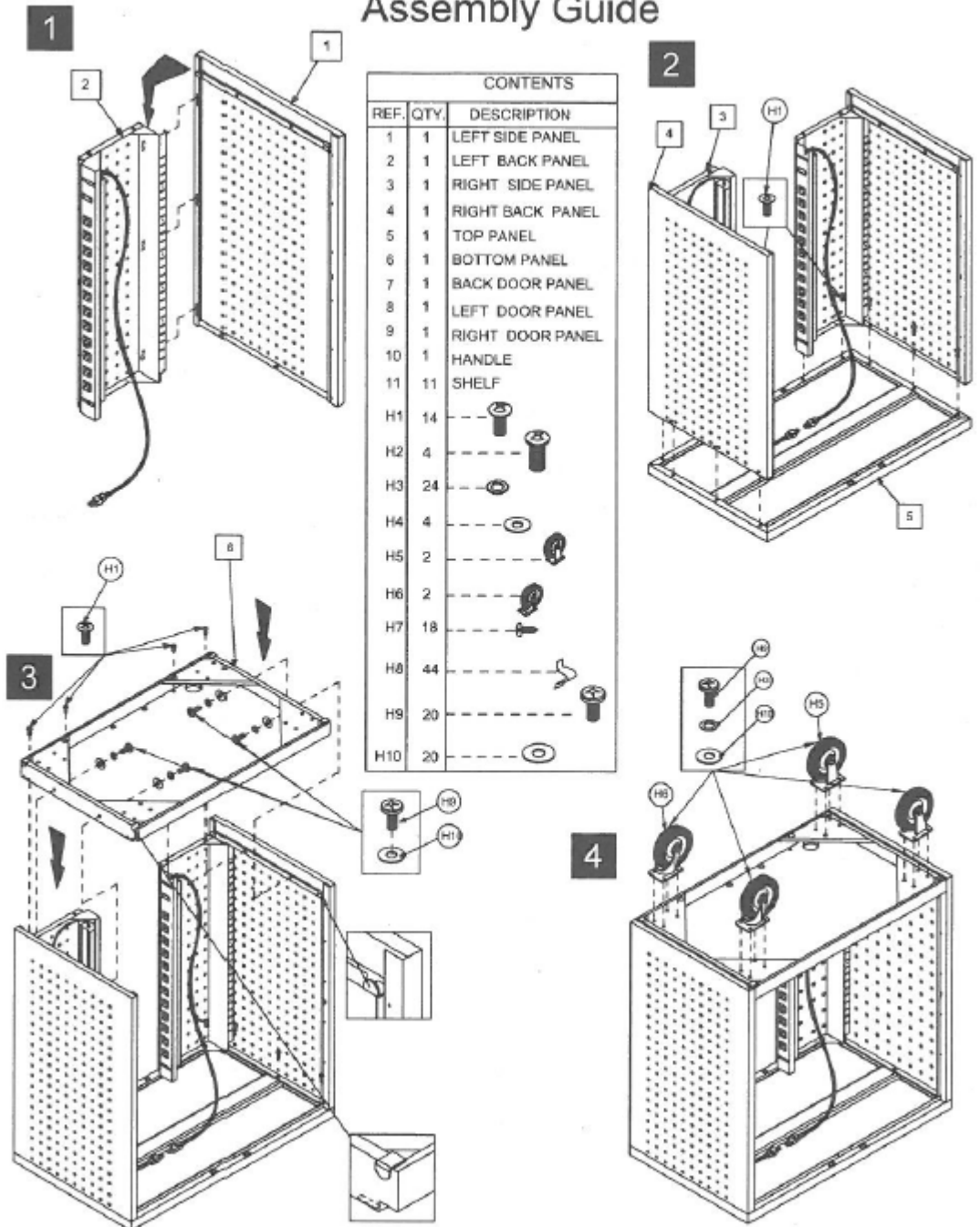
Charging Station Specs

- Material: Steel
- Capacity: Up to 24 tablets
- Shelf Clearance: Height-adjustable
Wheels: Four 4" rubber casters (2 fixed, 2 swivel w/ brakes)
- Compartment Dimensions: 23 3/4" W x 20 1/2" D
- Warranty: 5 years
- Other Info: 12 shelves (11 adjustable), built-in 24-outlet electrical assembly, non-skid top surface
- Width: 23 3/4"
- Depth: 20 1/2"
- Height: 40"
- Weight: 69.0 lbs.

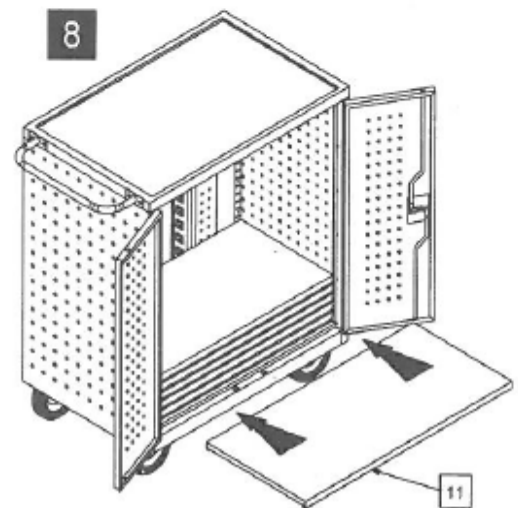
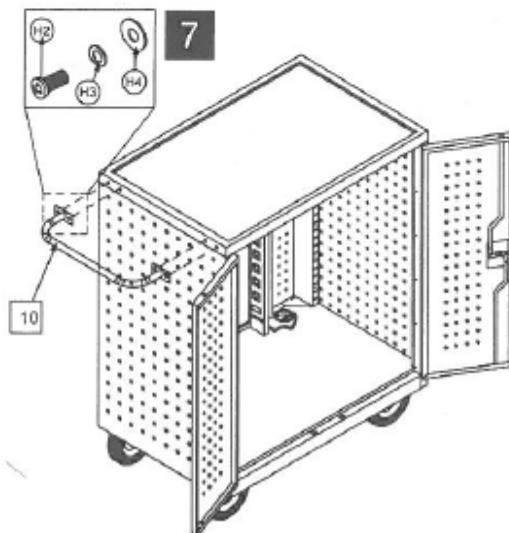
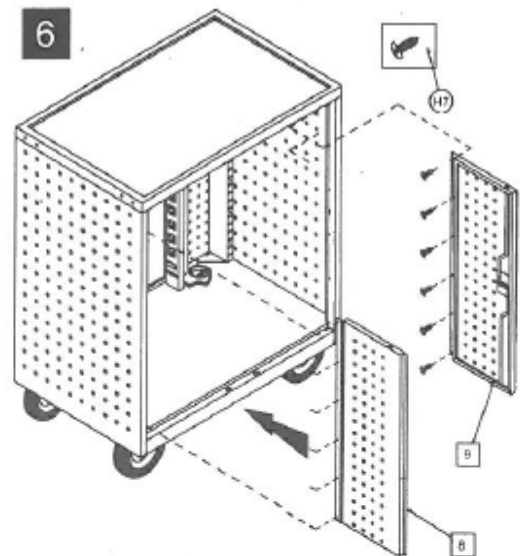
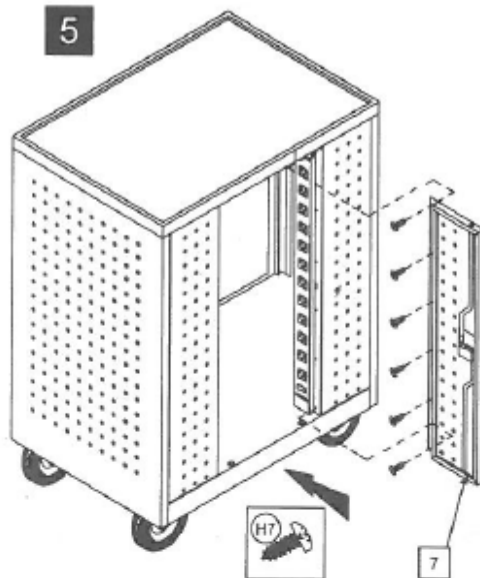


Equipment - Assembly

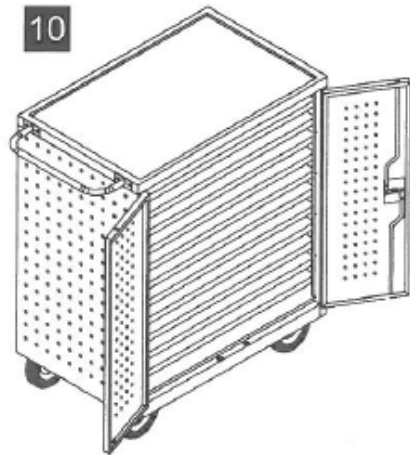
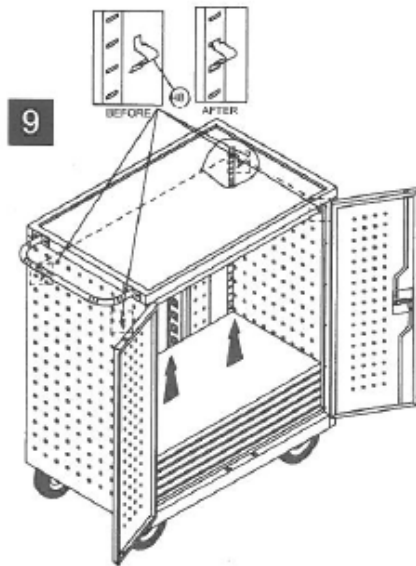
Assembly Guide



Equipment - Assembly



Equipment - Assembly



Apply program decals in these two locations

Equipment

Shock Covers

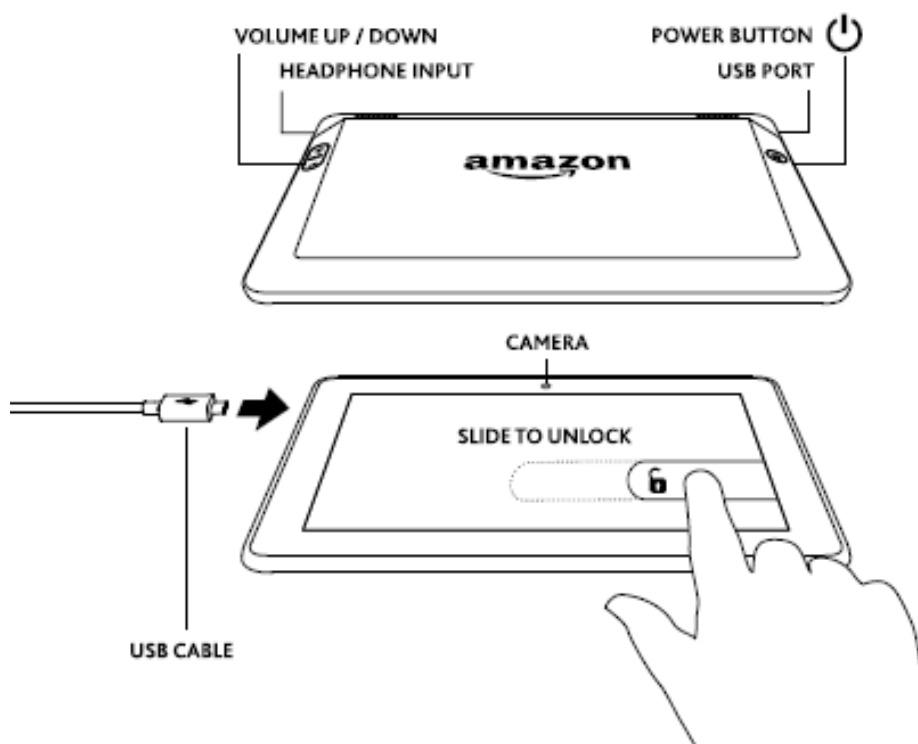
- Easy to install
- Provide maximum protection in the classroom setting
- Lightweight, durable, non-toxic foam case
- Provides shock absorption and impact resistance
- Playful design with enhanced grip and reinforced corners
- Easy access to all ports, buttons, cameras and speakers
- Amazon & Kindle certified compatible



Your Kindle Fire HDX 7

ENGLISH

getting to know
your kindle



Get started in just a few easy steps:

- Turn on your Kindle by pressing the Power button located on the back.
- Unlock the screen by pressing and dragging the lock icon to the left side of the screen.
- Charge the battery by connecting the included USB cable as shown, then connecting the other end of the cable to the Kindle power adaptor.

For Kindle customer support, visit www.kindle.com/support

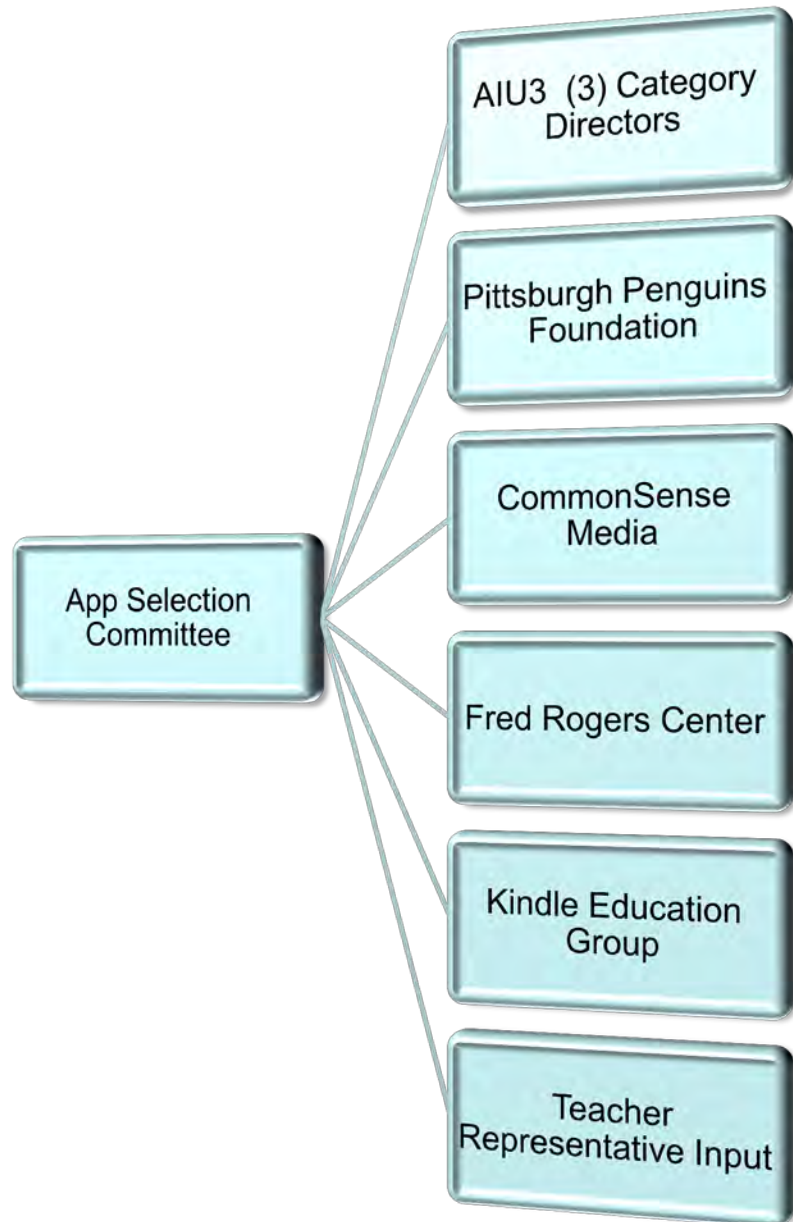


Initializing Tablets in Education

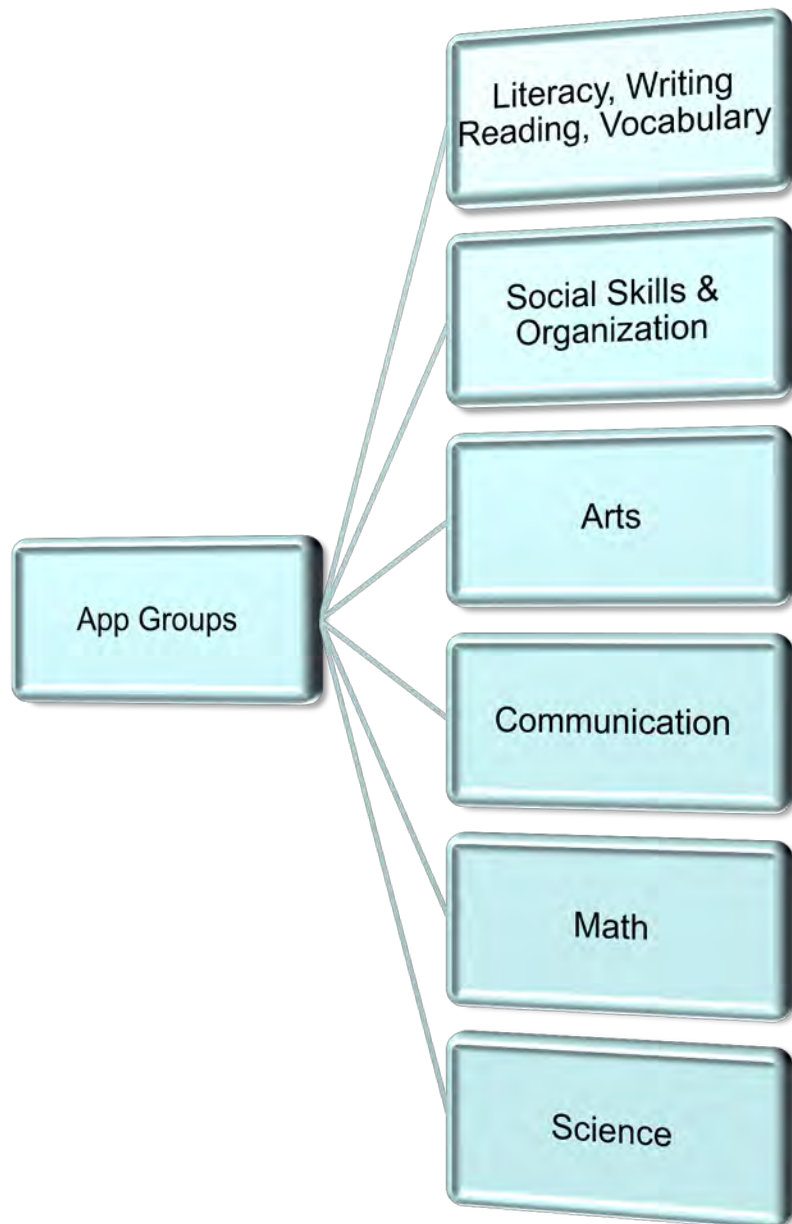
All the School Coordinator will need to do is:

- Turn on the device.
- Connect to the schools Wi-fi.
- The Kindles will be pre-registered by the Pittsburgh Penguins Foundation and Amazon, once connected to Wi-fi, the device will receive all the content and policies.
- New content will appear on the main carousel. Click on any item to use it on the device.
- New content will take seconds to load depending on the speed of the Wi-fi connection.
- A list of all the available content will also be stored in the Books Menu, Apps Menus, and Documents Menu.

App Selection Process



App Categories



Program Apps Provided

Literacy	Language & Communication
Early Literacy – Writing/ Fine Motor	Jumbled Sentences for Kids By Jimbl Software Labs
Story Dice by Thinkamigo Inc.	Understanding Inferences By Super Duper Publications
ABC Preschool Play Ground By Sound House LLC	Name That Category Fun Deck By Super Duper Publications
	Preschool All-in-one
Early Literacy - Reading	
Kids ABC Letters By Intellijoy	Math
Kids ABC Phonics By Intellijoy	Early Math
Kids Learn to Read By Intellijoy	AB Math By Nicholas Lehovetzki
Starfall Learn to Read By Starfall Education, LLC	Counting with the Very Hungry Caterpillar By Night & Day Studios, Inc.
Starfall All About Me By Starfall Education, LLC	Kids Numbers and Math By Intellijoy
	Mini Drivers By Sudden Games
Reading	Interactive Telling Time By Giggle Up Kids & Educational Games
The Electric Company Party Game: Lost on Prankster Planet	Peter Pig's Money Counter By Visa
Word Ball By Continuous Integration	Toddler Counting 123 By Giggle Up Kids
Vocabulary	Mathematics
Dabble HD- Fast Thinking Word Game By INI, LLC	Blackboard Math By Edison Gauss Publishing
	Blackboard Math Decimals
Writing	Math Pack Flash Cards
Tracing ABC By Remarkable Games	Math Workout Pro By Workout Games
Alphabet Coloring By Tipitap	Pre-Algebra Guide By Digital Partners
Letter Paper Delux By TNI Handwriting	Space Physics By Carmel Games
Classroom Chalkboard HD By Action App	
Lists for Writers By Thinkamigo Inc	Organization
My Spelling Test By Seven Sense LLC	Evernote
Story Dice By Thinkamigo Inc.	Timers4Me Timers & Stopwatch Pro By LuckyXMobile
Ready to Print	
Social Skills	
Toca Hair Salon By Toca Boca	
Toca Kitchen By Toca Boca	



Pre-Loaded Apps

- Calendar
- Contacts
- Email
- Mayday
- IMDb
- Office Suite
- Personal Video
- Weather Channel



Content from Amazon

- In addition to the devices and services provided by Kindle, there are more than 9,700 educational apps available in the app store with more than 3,700 free.
- Here are a few examples of the Kindle books that can be distributed free through our program

Classic Kindle Books

- *Les Miserables*
- *Tale of Two Cities*
- *Mysterious Island*
- *David Copperfield*
- *Journey to the Centre of the Earth*
- *The Works of Edgar Allen Poe*
- *The Scarlet Letter*
- *Macbeth*
- *Romeo and Juliet*
- *Heart of Darkness*
- *The Great Gatsby*
- *Adventures of Huckleberry Finn*
- *Of Mice and Men*
- *Moby Dick*

More Books from Amazon

Children's Kindle books

- *The Alligator Who Wanted to be a Dog*
- *My Lemon Blossom*
- *The Wonderful Wizard of Oz*
- *The Ugly Duckling*
- *Lucy Pinkston and the Lost Mine*
- *A to Z Silly Animals*
- *The Adventures of Tom Sawyer*
- *The Book of the King*
- *Terry Treetop and the Lost Egg*
- *Treasure Island*
- *The Secret Garden*
- *The Pirate Bride*
- *Heart of a Hero*
- *Jungle Book*
- *The Imaginary Friend*



Why Kindle Fire HDX

- **Exclusive 7" HDX display** (1920x1200), high pixel density (323 PPI), and perfect color accuracy (100% sRGB) for vivid, lifelike images that go beyond standard HD.
- **The fastest processor on a 7" tablet**—powerful 2.2GHz quad-core processor and 2GB of RAM for fast, fluid multi-tasking, gaming, and video.
- **Introducing the "Mayday" button**—revolutionary, on-device tech support, exclusive to Kindle Fire HDX tablets. Connect for free to an Amazon expert 24x7, 365 days a year.
- **Stay productive on the go** with ultra-fast web browsing, built-in OfficeSuite, and updated e-mail and calendar support for Gmail, Outlook, and more.
- **Immersive entertainment experience**—see trivia and character backgrounds with X-Ray for Movies and TV, follow along with lyrics with new X-Ray for Music, fling videos to your TV with Second Screen, and more.

Kindle Fire HDX7 vs. iPad

Information from:



- **USB file transfer** - Being able to connect the Kindle Fire HDX to a PC or Mac and drag files to it is a massively useful feature for people who want to use the device for work. Sure, I've come up with elaborate workarounds using email or cloud services to get files onto the iPad, but nothing beats the speed, convenience and security of direct transfer.
- **Battery life** - The iPads offer about 10 hours of battery life in a mixed usage scenario, while the 7-inch Kindle Fire can go for 11 hours.
- **Excellent Wi-Fi range** - Another big win for the Kindle Fire HDX is Wi-Fi range. The MIMO dual antenna setup gives far better signal performance, especially when at the periphery of Wi-Fi network (where the iPad starts to have problems).
- **Superior on-screen keyboard** - Everything about the Kindle Fire HDX's on-screen keyboard is better than the one found on the iPad. It's faster to appear, better laid out, more responsive, and has a better color scheme.
- **Better email and calendar apps** - Amazon has created email and calendar apps that are both useful and intuitive. Not only are these apps a breeze to set up, they give you all the tools you need to keep a tight reign over your email and schedule.
- **The Mayday button** - Got a problem or question or query, and all you have to do is press a button and help from a real live person is only seconds away.



Whispercast

- Whispercast is a free online tool that helps organizations manage their Kindles and procure and distribute Kindle content and documents. Kindle's customers noted that managing a fleet of Kindles was time consuming and manual. So they built Whispercast to make this process easier. Organizations can now:
 - *Centrally manage their Kindles from anywhere in the world*
 - *Procure and distribute content to their users, including: Kindle books, documents, and Kindle Fire apps*
 - *Send documents and Kindle books to any device with the free Kindle app*
 - *Apply device settings to all their Kindles at once, including Wi-Fi network and proxy settings, password requirements, and device restrictions*

How will the Penguins Foundation and AIU3 Utilize Whispercast

Whispercast supports content distribution. The Penguins Foundation and AIU3 will distribute initial apps and books to the schools. These apps have all been pre-approved by the AIU3, commonsense.org and the Penguins Foundation. All updates to apps will automatically be communicated through Whispercast.



Participating Schools

Number	School	Number	School
1	Baldwin-Whitehall	16	Riverview
2	Hampton Township	17	Shaler
3	Mt. Lebanon	18	Sto Rox
4	West Jefferson Hills	19	West Allegheny
5	Carlynton	20	West Mifflin
6	Deer Lakes	21	Wilkinsburg
7	Moon Area	22	Bethel Park
8	Highlands	23	Brentwood
9	Fox Chapel	24	Chartiers Valley
10	Allegheny Valley	25	Cornell
11	Montour	26	East Allegheny
12	Avonworth	27	Elizabeth Forward
13	Duquesne	28	McKeesport
14	Penn Hills	29	North Allegheny
15	Pine-Richland	30	North Hills

Participating Schools

(EE) Exceptional Education

Number	School	Number	School
31	Northgate	46	WPSD (EE)
32	Plum Borough	47	Wesley Spectrum (EE)
33	Quaker Valley	48	Children's Institute (EE)
34	Upper St. Clair	49	Presley Ridge (EE)
35	Woodland Hills	50	DePaul School (EE)
36	Clairton	51	McGuffey
37	Gateway	52	West Greene
38	Keystone Oaks	53	PGH Public School #1
39	South Park	54	PGH Public School #2
40	South Allegheny	55	PGH Public School #3
41	South Fayette	56	PGH Public School #4
42	Steel Valley	57	ECS Upper School
43	Pathfinder (EE)	58	Penguins Foundation
44	Sunrise (EE)	59	AIU3
45	Mon Valley (EE)	60	AIU3



Frequently Asked Questions

- **How can the Pittsburgh Penguins Foundation provide these devices, apps and books free to the school?**
- The Pittsburgh Penguins Foundation is able to provide these devices through the support of our fans. Our 50/50 raffle, Roots Sports Charity Auction and Annual Wine Event fund this and other Foundation programs. Through a Pennsylvania State Program EITC companies like PNC Bank, CONSOL Energy, Inc., BM Kramer, Trumbull, Northwest Savings Bank, American Eagle Outfitters, and Consolidated Graphics directly support this initiative
- **Can teachers request apps or books?**
- Yes, teachers can request apps. The AIU3 will review monthly request from the school coordinator. All requests should be directed through the school coordinator
- **Can our school district purchase apps with their own funding?**
- No, the school cannot purchase apps with their own funding, but they can contact The Pittsburgh Penguins Foundation and request that an app be purchased through program funding.
- **Can we restrict certain apps that we do not want student to have access to?**
- Yes, you can restrict apps that you do not want students to have access to, contact Abby Braddock (412-255-1812 or abraddock@PittsburghPenguinsFoundation.com) and she will be able to assist you.

Frequently Asked Questions

- **Is Wi-Fi needed to use the apps?**
- Wi-Fi is needed to connect your Kindle to Whispcast to keep your apps updated, but is not needed to run the apps.
- **Who do we call if there is a problem with the device?**
- You can contact Abbey Braddock at the Pittsburgh Penguins Foundation, use the MayDay that is enabled in all devices, or contact Amazon customer service at 1-(888)-280-3321.
- **Other than Mayday, is there customer service available for the Tablets in Education program?**
- Yes, you can contact Abbey Braddock of the Pittsburgh Penguins Foundation (412-255-1812 or abraddock@PittsburghPenguinsFoundation.com) or Amazon customer service (1-(888)-280-3321).
- **What if a new teacher comes on board, will there be ongoing training?**
- Ongoing training programs, development of content and lesson plans will be held at the AIU3 of a frequent basis. For more information on sessions contact XXXXX
- **Will any of the apps require student to make accounts on the Kindle?**
- All accounts in the Tablets for Education program will be administered by the Pittsburgh Penguins Foundation



Frequently Asked Questions

- **If the school wants to purchase additional Kindles can we do so through the program?**
- We are in the process of establishing a teacher purchase program details to follow.
- **Can the preloaded apps be deleted?**
- No, preloaded apps cannot be removed from the Kindle device, but we can restrict their use.
- **How do you do a soft reset on the devices if they freeze?**
- Try performing a hard reset on your Kindle Fire. Unplug the device from all power sources and then press and hold the power button for 20 seconds and then release. Ignore any shutdown messages. After the device has completely turned off, press the power button to restart your Kindle Fire.
- **Do we have to renew our application every year to receive additional apps and content?**
- It is the intent of the Foundation to grow the Tablets in Education program and continue to support users.
- **Is there a warranty on the shock covers? If needed how do we replace?**
- Shock cover will be guaranteed for one year

Experiencing Problems?

- After use, return to charging station to allow maximum charge for next day use.
- For Technical issues with the device, simply hit the Mayday button to contact Amazon Customer Service.
- If you experience any issues with missing content, contact the PPF administrator.
 - *Customer Service – Pittsburgh Penguins Foundation*
 - *Abbey Braddock – Program Administrator*
 - *412-255-1812*
 - abraddock@pittsburghpenguinsfoundation.com

Development Contributors



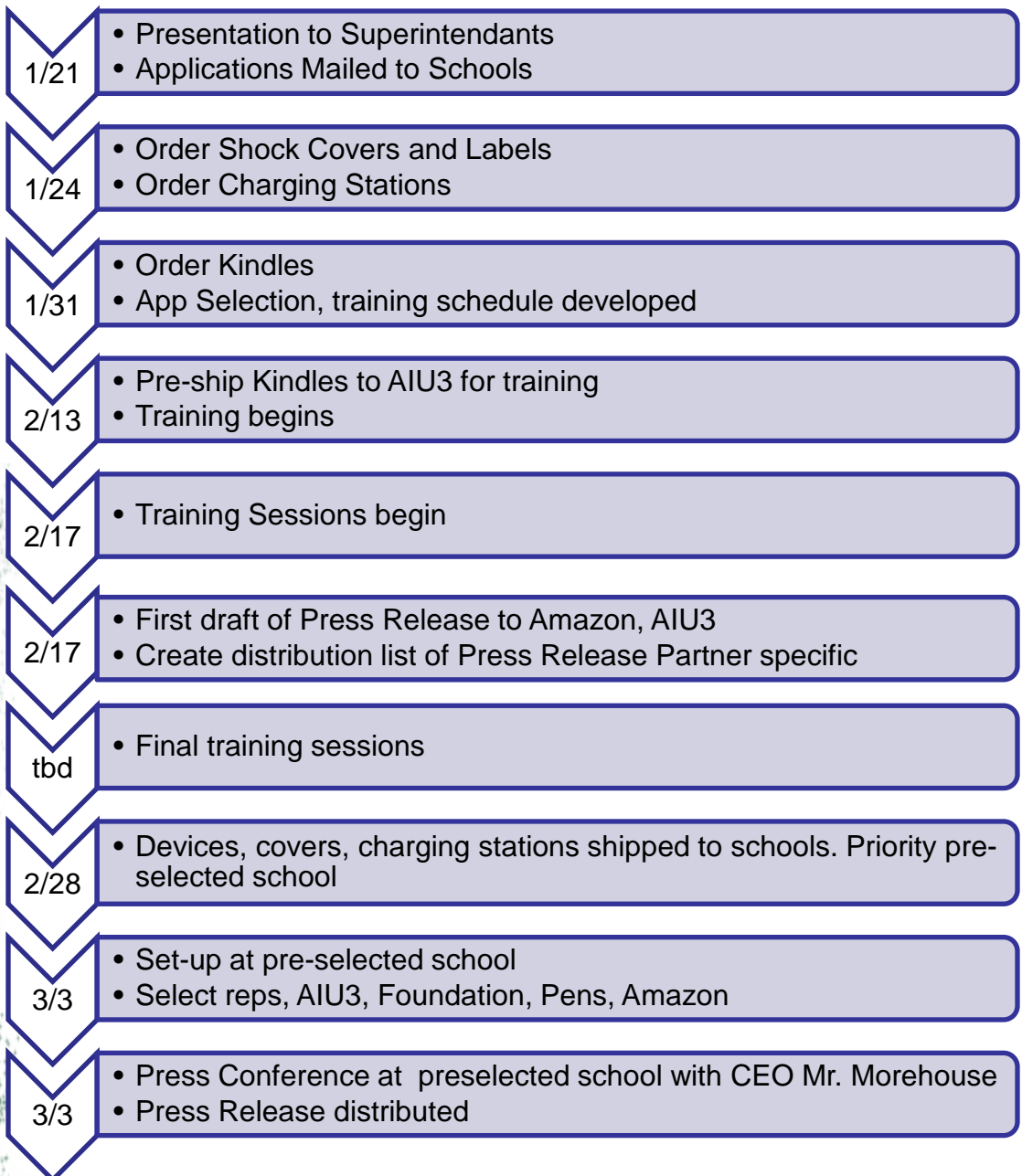
EITC Partial Funding

Supported in part with EITC Grants from

- PNC Bank
- CONSOL Energy, Inc.
- BM Kramer
- Trumbull
- Northwest Savings Bank
- American Eagle Outfitters
- Consolidated Graphics



Timeline



Foundation Other Initiatives



HEADS UP PITTSBURGH

Since the program's inception in 2011, over 9,000 young athletes have received free baseline concussion testing, with parents participating in educational seminars. Last year, testing was opened up to 12 other sports in addition to hockey and in 2013, the first 2,000 participants during the testing period received a free neck-strengthening kit.

PENSFIT

In 2012, we provided 260 elementary schools in Allegheny County free ball hockey equipment and lesson plans as part of our commitment to physical fitness. In years two and three of the program, we will move to outlying counties.

PROJECT POWER PLAY

In partnership with Highmark, we've constructed six new dek hockey rinks in the city. The total project is estimated at \$2.25 million dollars and involves building 6 additional facilities over the next 2 years in Allegheny County and the surrounding communities.

LEARN TO PLAY

In partnership with Sidney Crosby, Reebok and DICK'S Sporting Goods, the program is starting its fifth year. The program has provided over 4,200 sets of head-to-toe free equipment.

HOCKEY IS FOR EVERYONE

This past year's fundraising enabled us to dramatically increase our grants and support of our Hockey is for Everyone initiatives. The Mighty Penguins, Steel City Icebergs and Pittsburgh I.C.E. were all impacted by your support.

- Mighty Penguins: Sled Hockey provides a means for physically challenged individuals to play competitive ice hockey.
- Steel City Icebergs: Adaptive ice hockey program for both children and adults with developmental disabilities such as Autism, Down Syndrome and traumatic brain injury.
- Pittsburgh I.C.E. (Inclusion Creates Equality): The program provides the opportunity to play ice hockey for children who might never have the opportunity to play or experience such a great game.

